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MONTANA BARLEY FOR MALT
1977 CROP

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REPORTING SERVICE
Economics, Statistics, and
Cooperatives Service—USDA
Montana Dept. of Agriculture
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MONTANA MALTING BARLEY UTILIZED TO PRODUCE MALT - 1977 CROP

Domestic maltsters and brewers purchased 5.6 million bushels of Montana's 1977 malting barley crop for use in making malt--a 33 percent decrease from 1976 according to the Montana Crop and Livestock Reporting Service and the Wheat Commission.

Approximately 61 percent of all Montana barley acreage was seeded to malting types in 1977. However, only about 10 percent of the entire malting and feed barley production was utilized in producing malt during the year. This indicates substantial portions of the malting barley varieties are used for feed. For example, Piroline which was planted on nearly 36.7 percent of the State's total barley acreage could account for a production of over 20 million bushels--36.7 percent of the State's 1977 production of 55.5 million bushels. Yet, only 1.3 percent or 700 thousand bushels of this production was used to produce malt. However, the majority of the Klages which was planted on 6.1 percent of the total barley acreage, with a possible production of 3.4 million, was used to produce malt. Other malting varieties with high percentages used for malt are Firlbeck III, Karl and Moravian.

The average protein of the 1977 malting barley purchases was at a more desirable level--it averaged 11.76 percent--0.25 less than the 12.01 percent last year.

The collection, summarization and publication of these data were requested and funded by the Montana Wheat Research and Marketing Committee.

A special thanks to the maltsters, brewers, and grain firms who furnished the data.

UNITED STATES DEPARTMENT OF AGRICULTURE
Montana Crop & Livestock Reporting Service
P. O. Box 4369
Helena, Montana 59601

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MONTANA BARLEY UTILIZED TO PRODUCE MALT BY CROP REPORTING DISTRICT
1975-1977, JULY 1 - JUNE 30 CROP YEAR

VARIETY	CROP YEAR	N. WEST	N. CENT.	N. EAST	CENTRAL	S. WEST	S. CENT.	STATE
		Bushels						
Piroline	1975	15,589	2,148,740	---	303,689	23,589	---	2,491,607
	1976	---	2,461,000	62,000	318,000	20,000	25,000	2,886,000
	1977	10,000	440,000	---	250,000	---	---	700,000
Klages	1975	5,790	84,271	---	17,370	33,249	---	140,680
	1976	40,000	750,000	---	330,000	85,000	60,000	1,265,000
	1977	5,000	1,650,000	---	475,000	55,000	200,000	2,385,000
Firlbeck III	1975	---	106,000	---	---	100,000	671,896	877,896
	1976	---	325,000	---	---	---	769,000	1,094,000
	1977	---	---	---	---	---	835,000	835,000
Karl	1975	10,455	167,280	---	10,455	20,910	---	209,100
	1976	20,000	150,000	---	70,000	135,000	---	375,000
	1977	---	360,000	---	---	---	125,000	485,000
Shabet	1975	15,697	1,484,498	---	55,781	115,697	---	1,671,673
	1976	---	1,925,000	---	20,000	36,000	---	1,981,000
	1977	10,000	375,000	---	30,000	---	---	415,000
Other 1/	1975	---	---	---	---	---	---	1,335,245
	1976	15,000	449,000	120,000	75,000	51,000	82,000	792,000
	1977	95,000	230,000	330,000	40,000	---	100,000	795,000
Total	1975	47,531	3,990,789	---	387,295	293,445	671,896	6,726,201
	1976	75,000	6,060,000	182,000	813,000	327,000	936,000	8,393,000
	1977	120,000	3,055,000	330,000	795,000	55,000	1,260,000	5,615,000
Average Protein Pct.	1975	12.85	12.68	---	13.23	12.83	13.01	12.68
	1976	---	12.02	11.65	12.16	11.89	11.91	12.01
	1977	12.89	11.43	13.02	11.54	11.18	12.35	11.70

Percent of total State crop (both feed and malting types) sold for malt.....	1975	13.3
	1976	16.1
	1977	10.0

1/ Includes Betzes, Moravian and Larker not shown separately in order not to disclose individual operations.

Daniel L. Herbert,
State Statistician

Raymond C. Stack,
Agr. Statistician